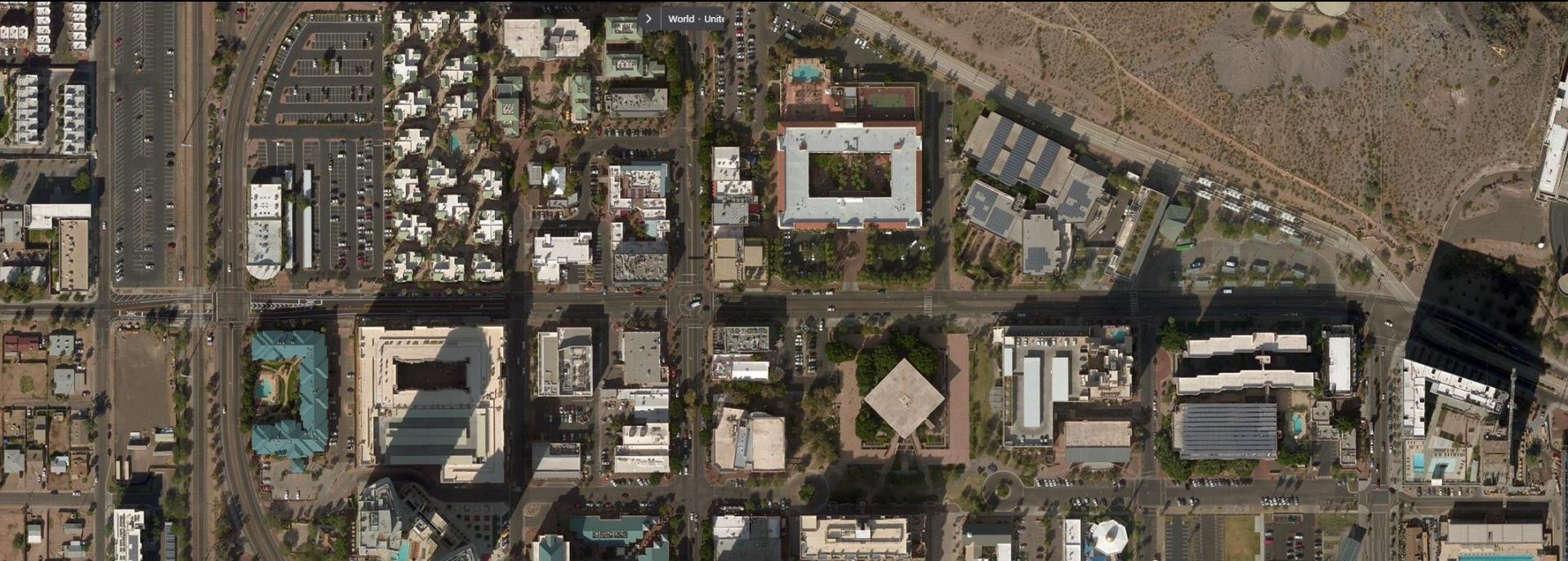


Streetscape - 5th Street Farmer Avenue to College Avenue

October 19, 2016



5th Street & Downtown Tempe



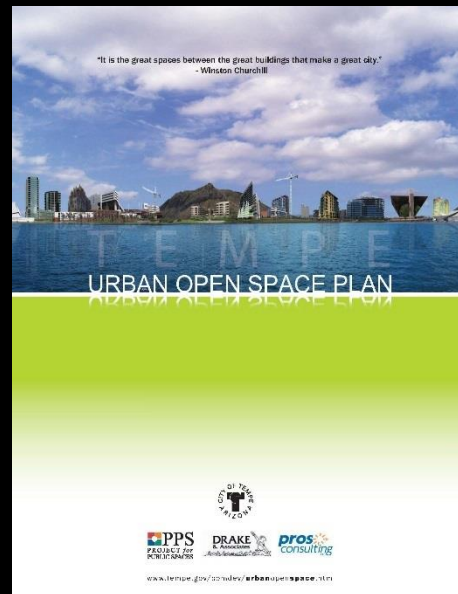
5th Street Streetscape Project History

- 2014
 - Downtown Parking Study
- 2015
 - Identified in Tempe Transportation Plan 2020 Improvements
 - City Council supported design project for 5th St, Farmer to College
 - Design funded through Downtown Parking Fund
- 2016
 - CollectiV design team hired through RFQ process
 - Begin public involvement, data collection

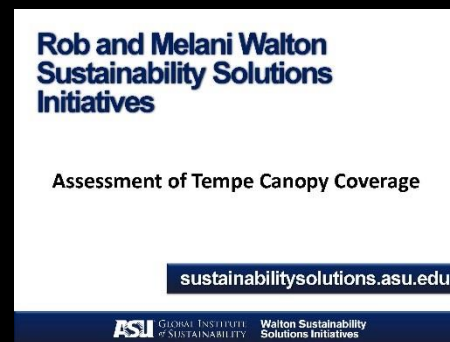
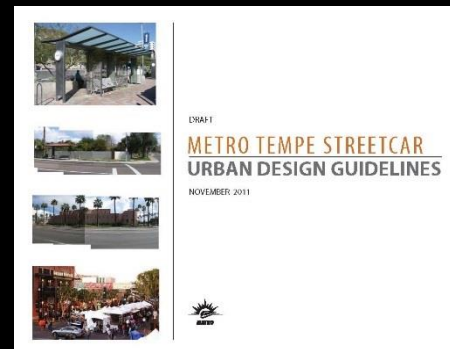
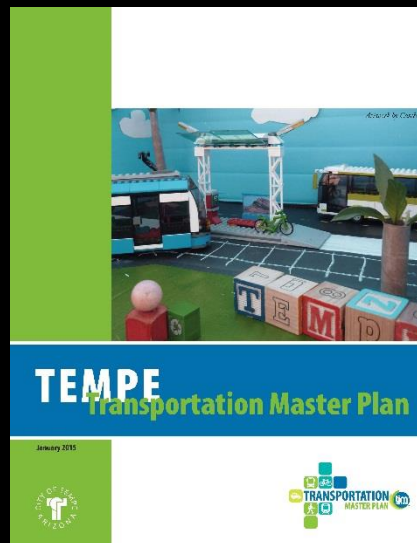
5th Street Existing Conditions

- Half mile collector street heart of downtown Tempe
- Multi-modal, 3500-4000 vehicles per day
- Links established/historic & redeveloping neighborhoods with downtown & ASU
- Historic structures, contemporary infill, public art, LEED Platinum TTC, & Hayden “A Mountain” Butte
- Some on-street parking
- Varying quality of sidewalk, ADA, street, bicycle & landscape

Guiding Documents



Guiding Documents



5th Street Design Goals

- Enhance multi-modalism (improve bike, ped, transit & ADA)
- Utilize innovative transportation design (NACTO)
- Maintain vehicular & special event access & integrate traffic calming
- Expand & improve landscape & shade options, particularly tree coverage
- Address heat island & user comfort, utilize Low Impact Development techniques (water harvesting, solar)

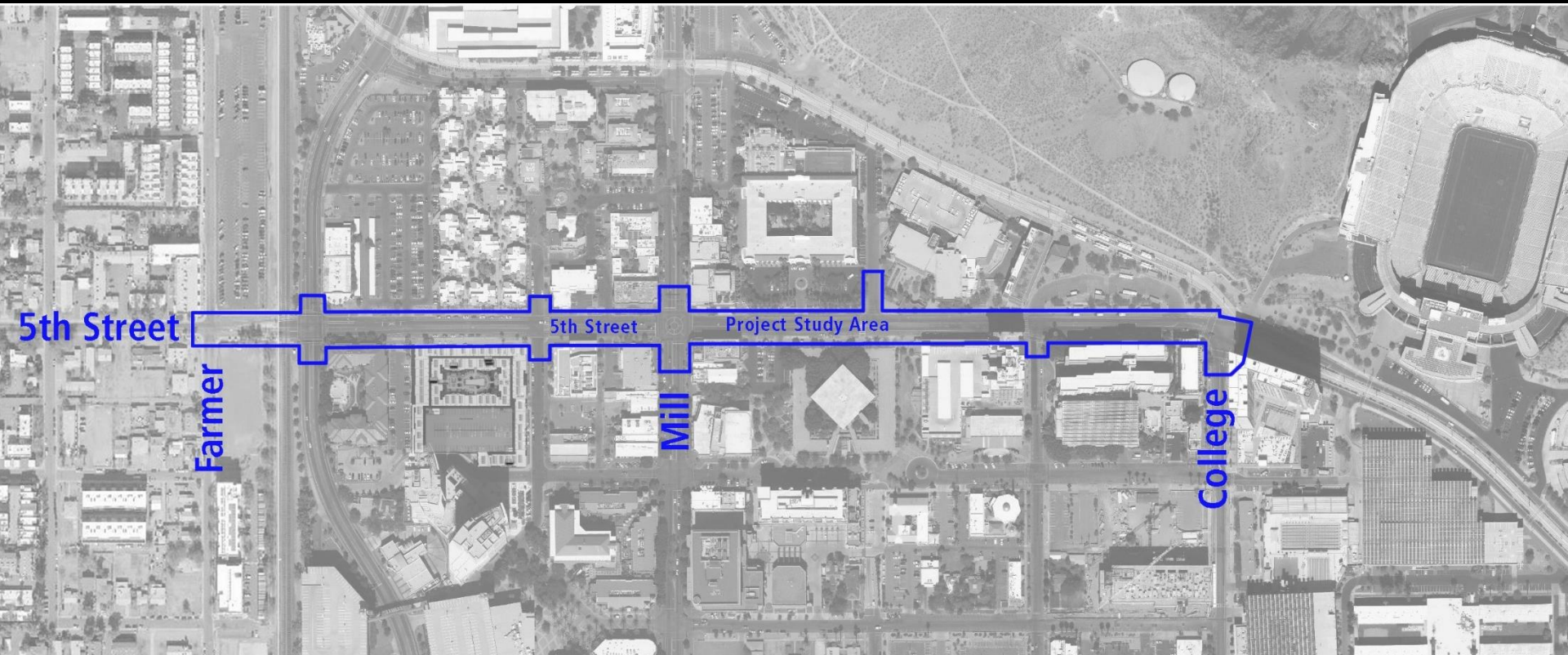
5th Street Design Goals

- Balance design with cost control & long term maintenance
- Connect to neighborhoods, protect & create gateways/transitions
- Create innovative, sustainable, iconic street with mobility for all
- Ensure access to existing utility infrastructure, and accommodate for future expansion of utility corridors

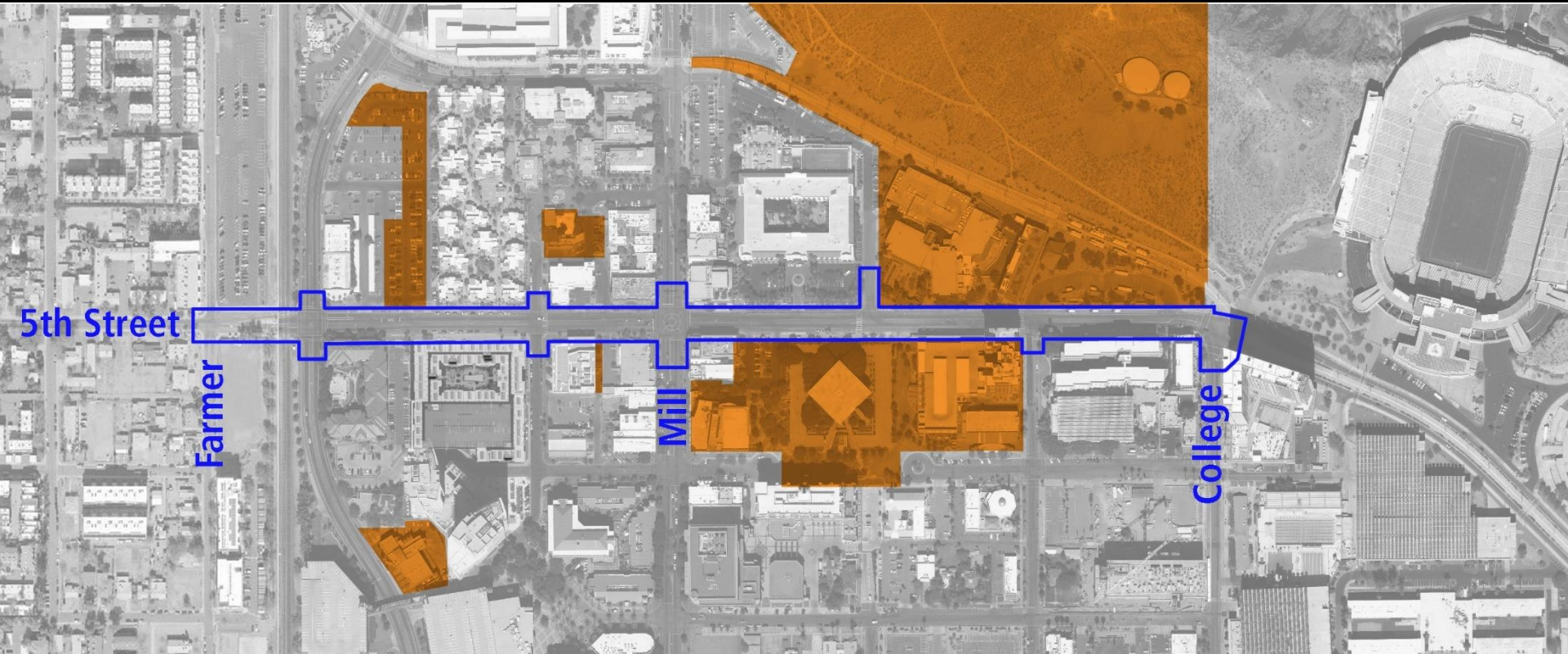
Project Limits & Area (College to Farmer)



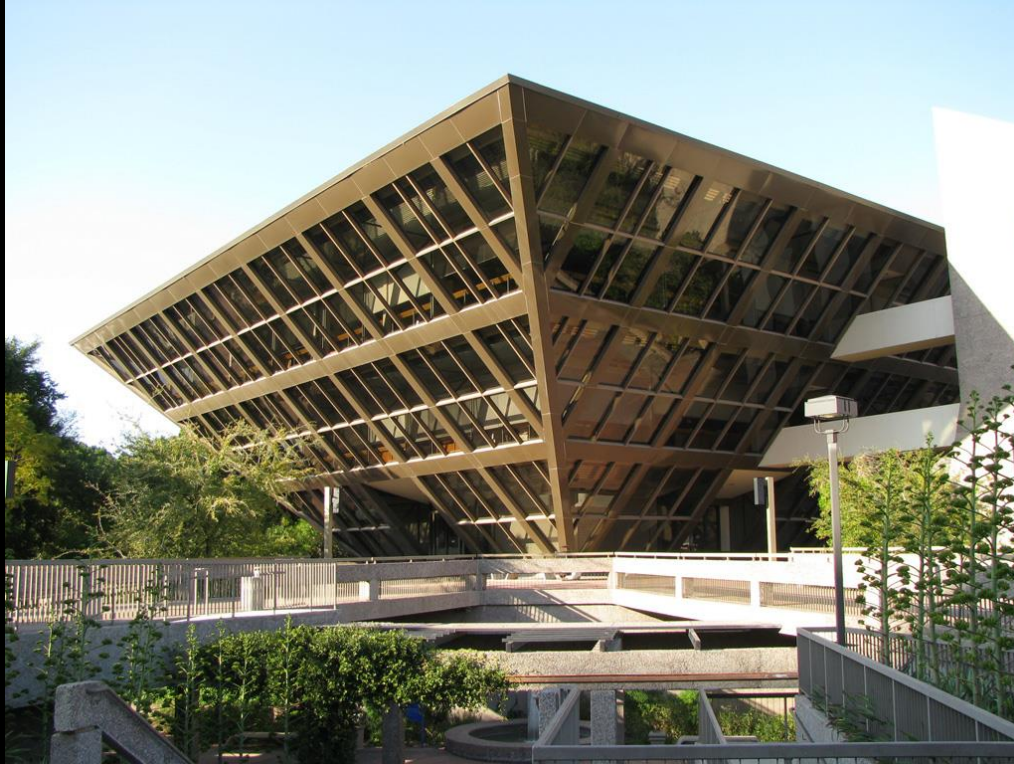
Project Limits



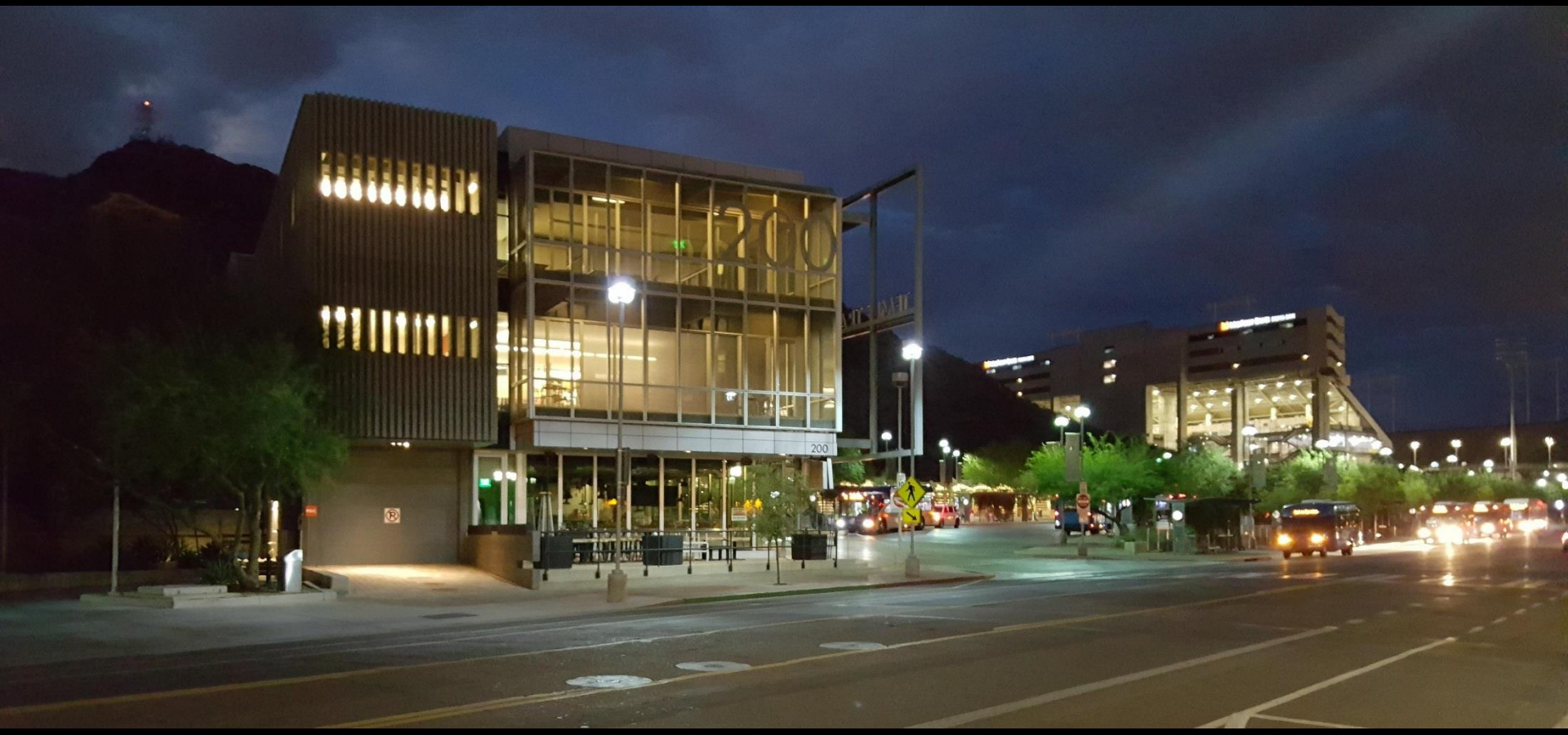
Surrounding Context – Tempe Land



Surrounding Context – City Facilities



Surrounding Context – City Facilities



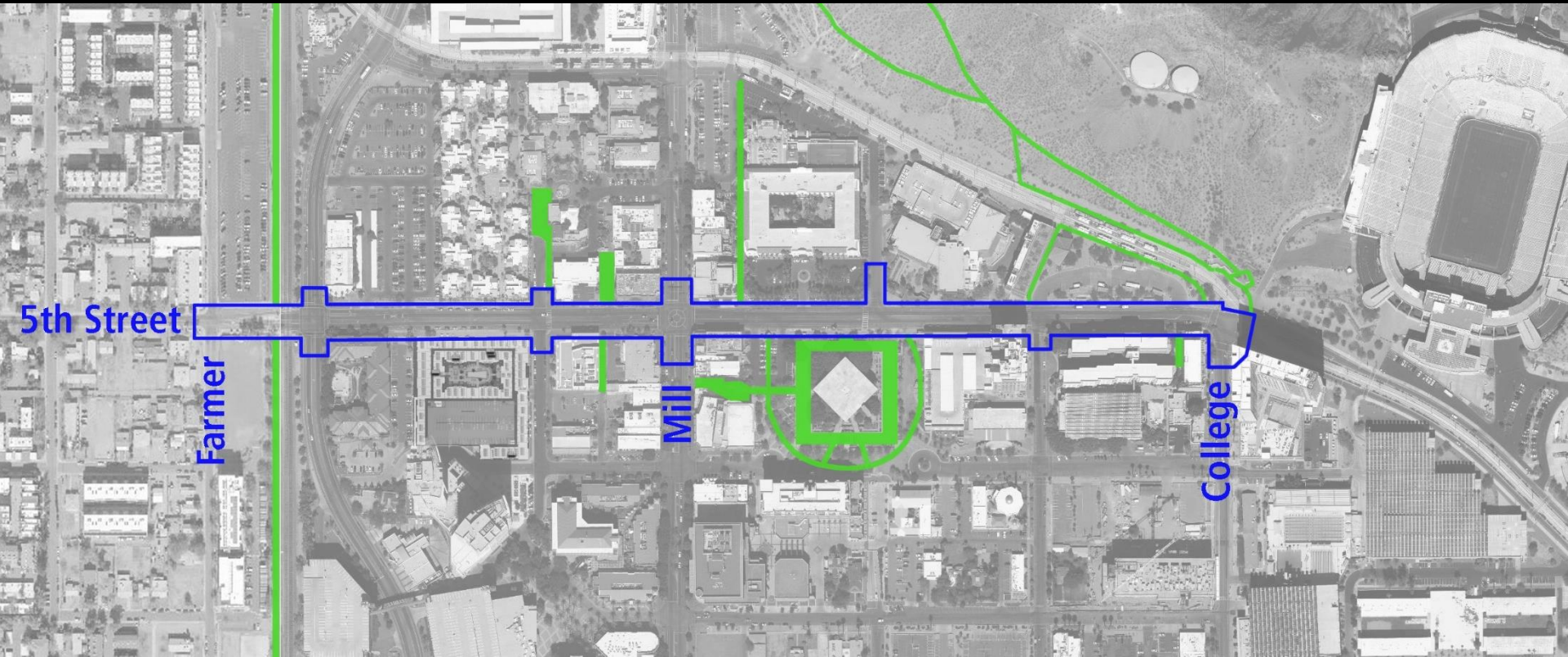
Surrounding Context – ASU



Surrounding Context – ASU



Surrounding Context – Alleys, Vias, Paths & Trails



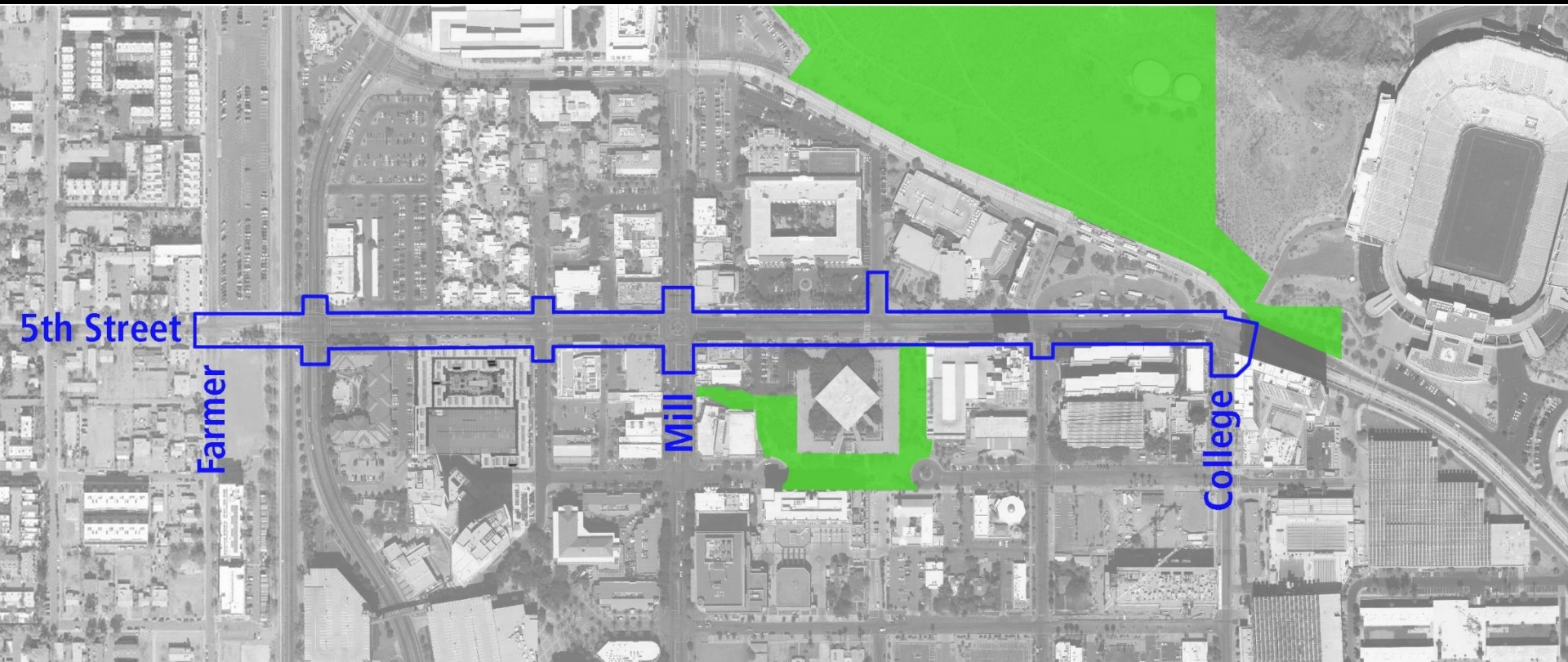
Alleys, Vias, Paths & Trails



Alleys, Vias, Paths & Trails



Surrounding Context – Recreation/Park Links



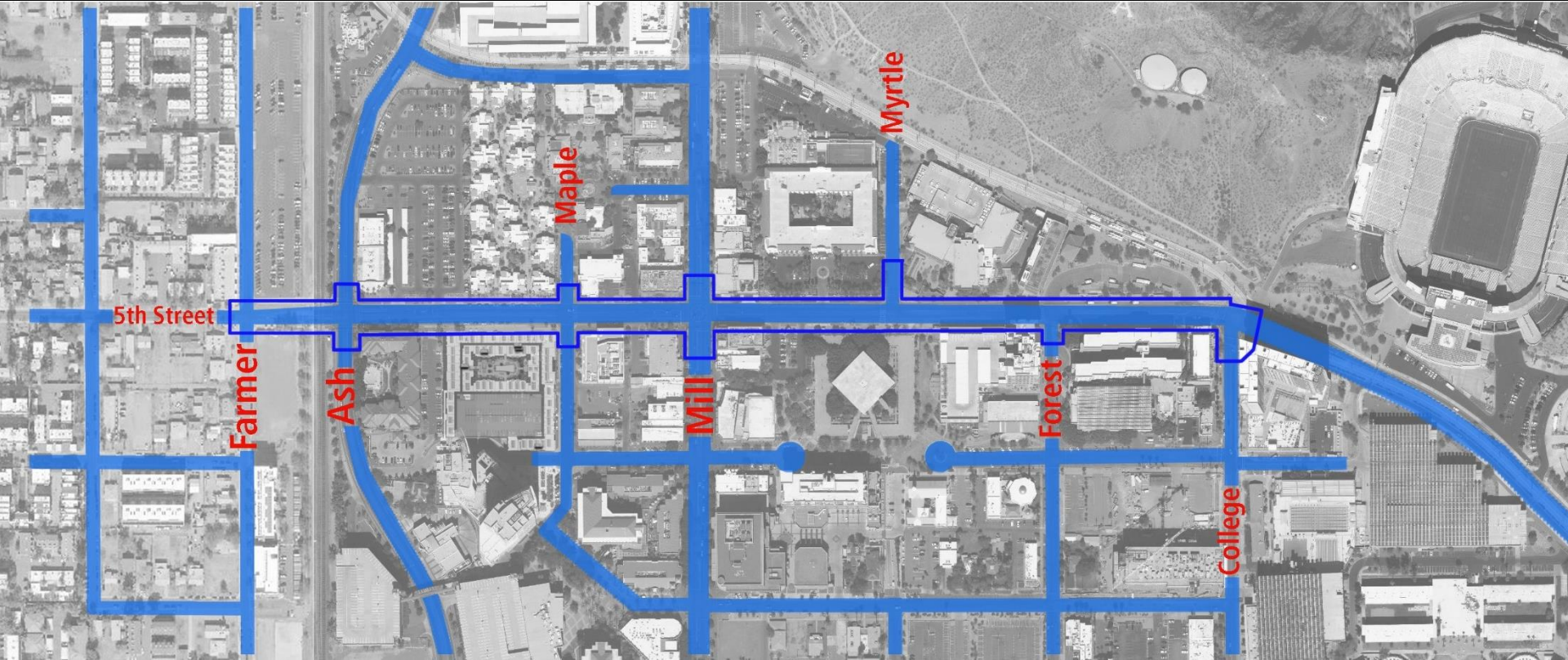
Surrounding Context – Recreation Opportunities



Surrounding Context – Recreation Opportunities



Surrounding Context – Connected Streets



Surrounding Context – Neighborhood Link



5th & Farmer



5th & Ash



5th & Maple



5th & Mill



5th & Myrtle



5th & Forest



5th & College



Surrounding Context – Mill Avenue



Sidewalks



Sidewalks



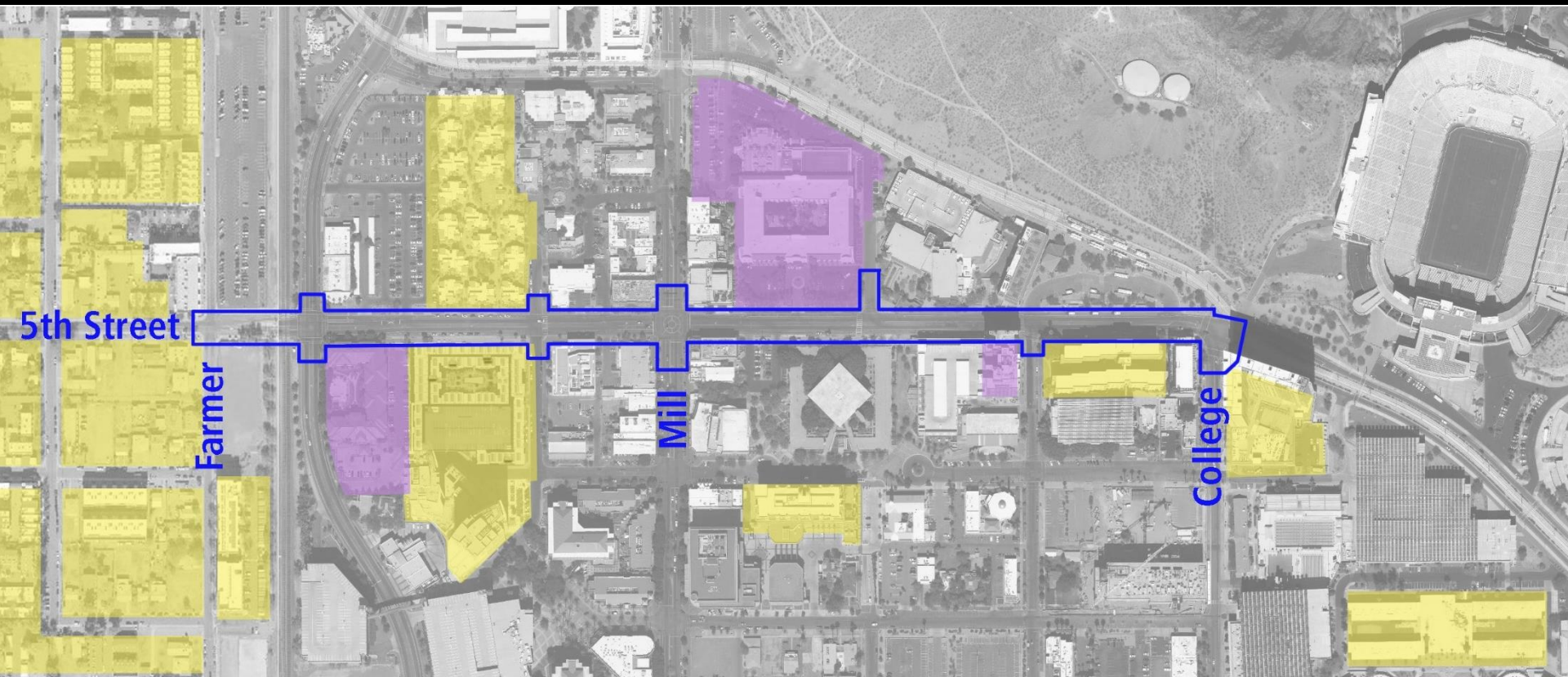
Crosswalks



Community Festivals



Residential/Hotel Uses



Surrounding Residential – Hanover on Mill



Surrounding Residential – University House



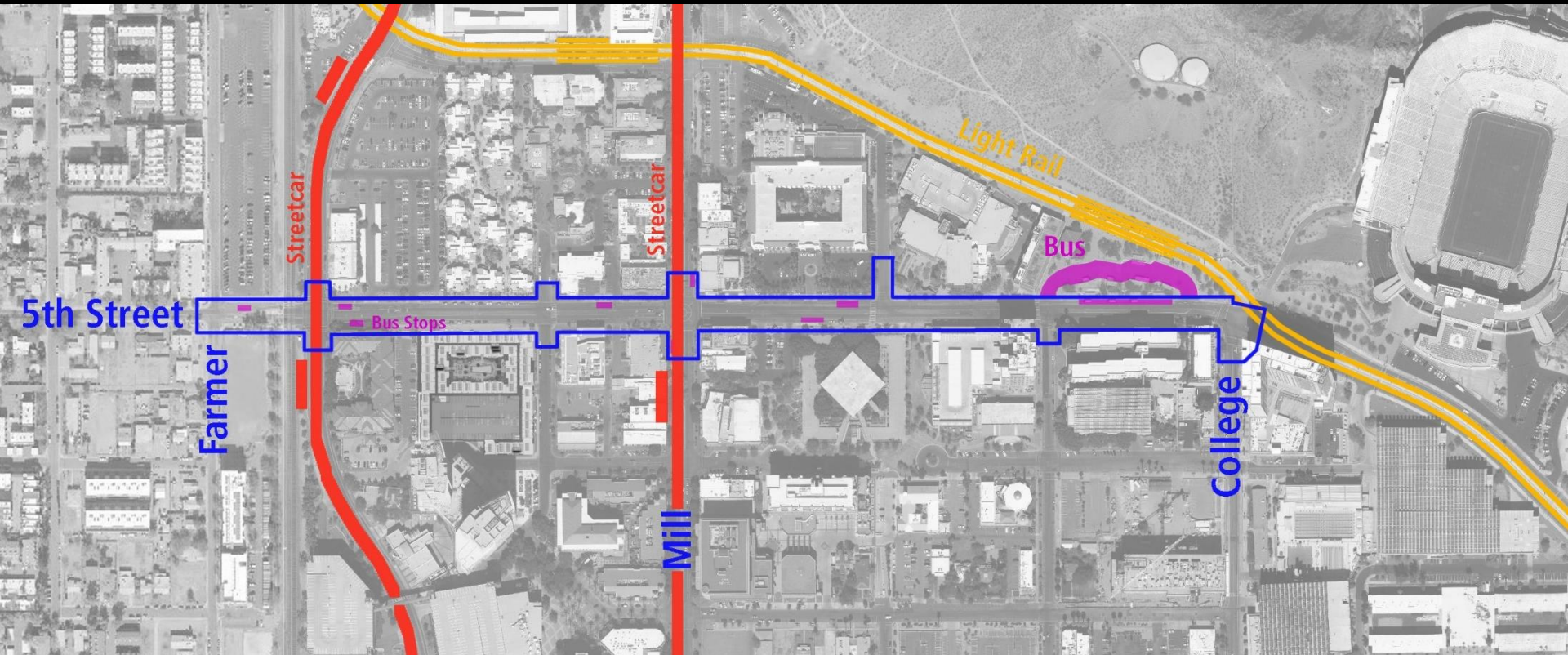
Surrounding Hotel – Mission Palms



Surrounding Hotel – Marriott Properties



Transit Facilities



Transportation Center



Transportation Center



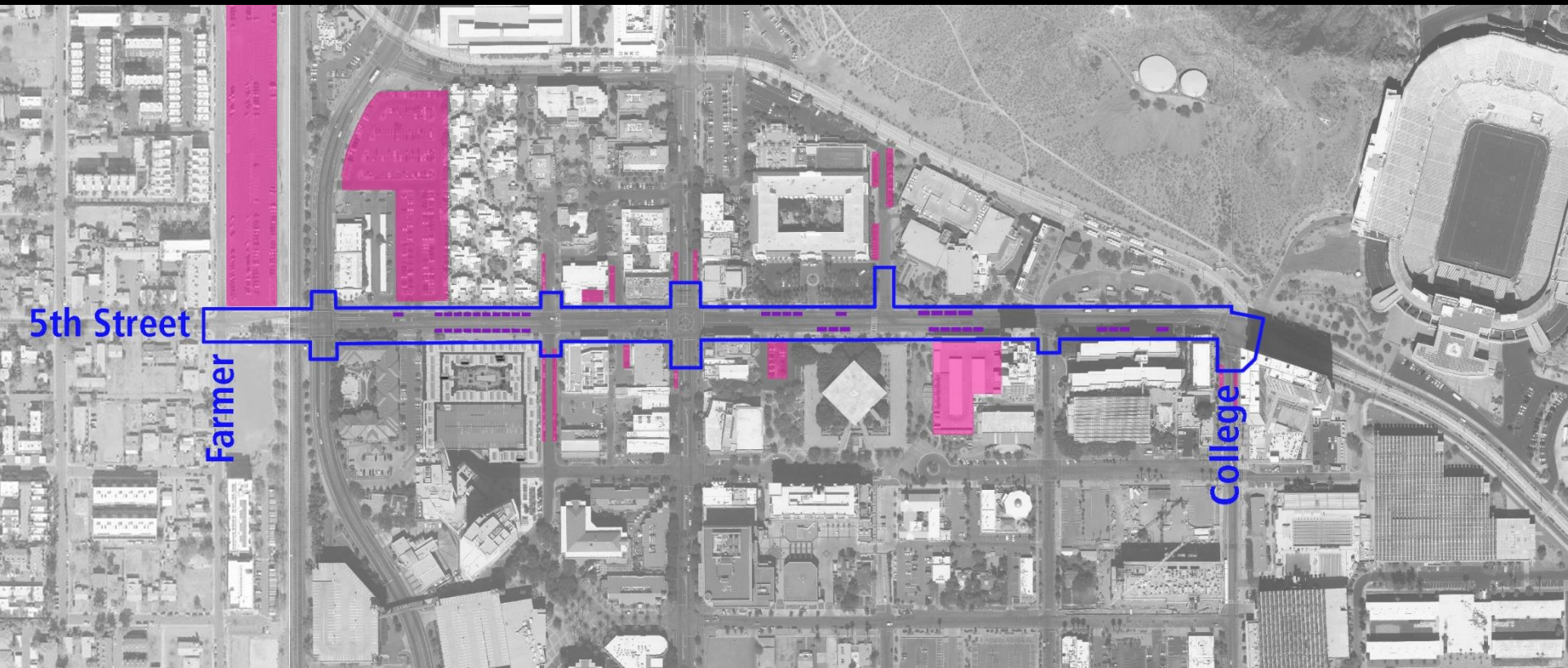
Transit Shelters



Streetcar



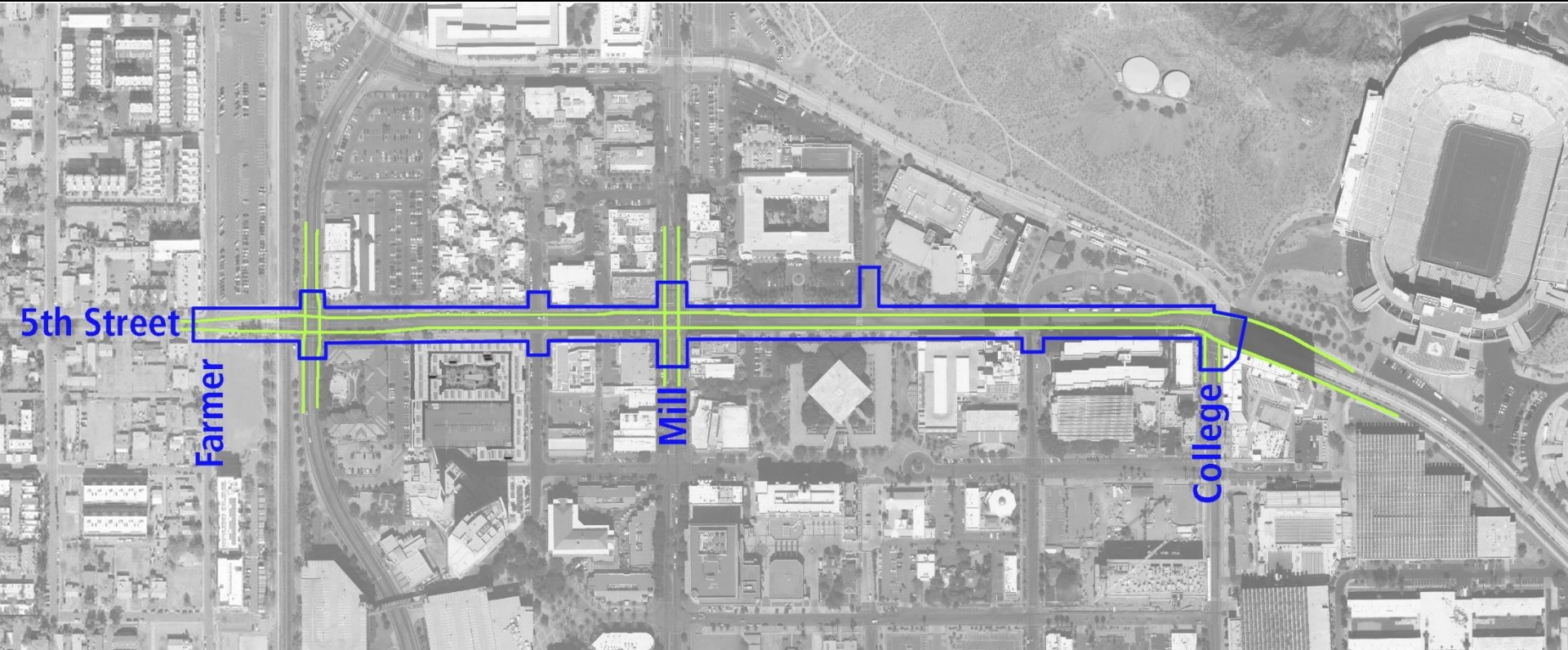
Parking On-Street and On-Lots



On-Street Parking



Bike Lanes



Bike Lanes



Existing Tree Locations



SYMBOL LEGEND



Tree Canopy Coverage



● TREE LOCATION

*EXISTING TEMPE AVERAGE CANOPY COVERAGE - 13.4%

*EXISTING TEMPE/ASU/DOWNTOWN CANOPY COVERAGE - 12.1%

*TEMPE R.O.W. CANOPY COVERAGE - 1.6%

EXISTING R.O.W. 5TH STREET STUDY AREA CANOPY COVERAGE - 8.3%

Light Fixture Locations



SYMBOL LEGEND



Light Fixtures



Light Fixtures

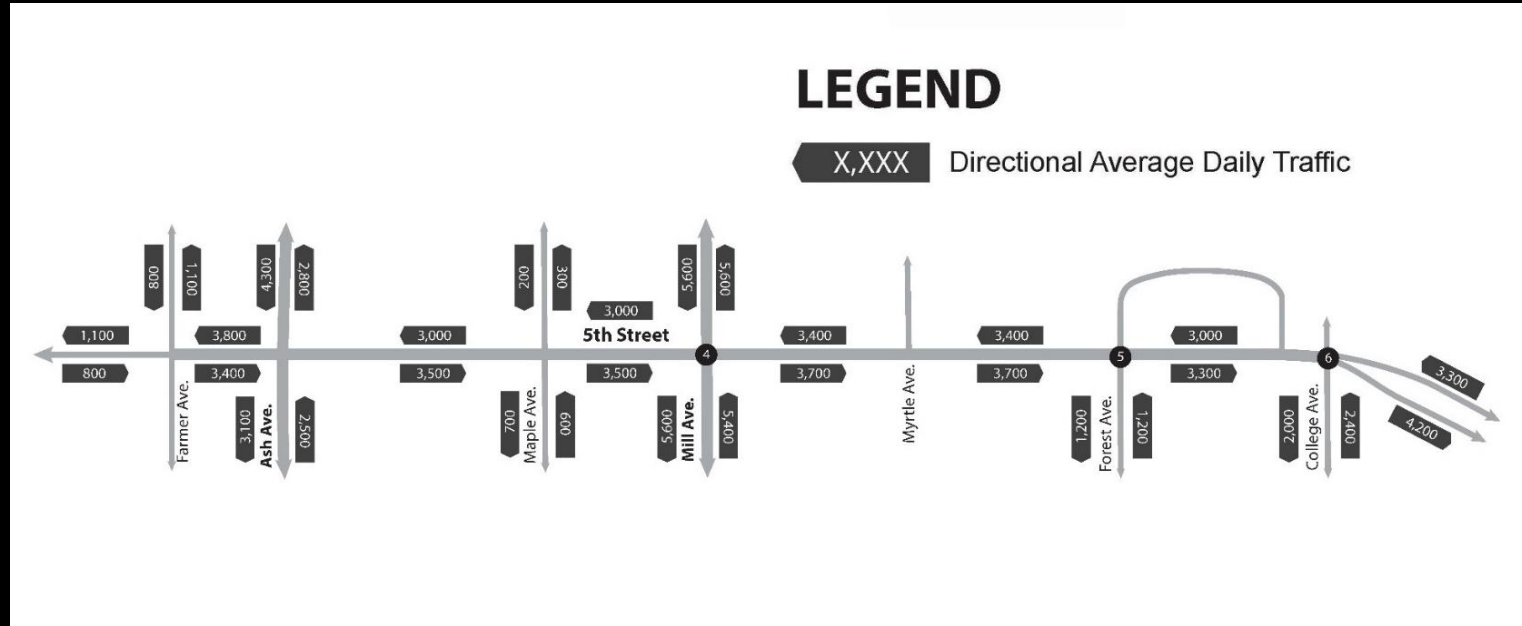


UPRR Crossing



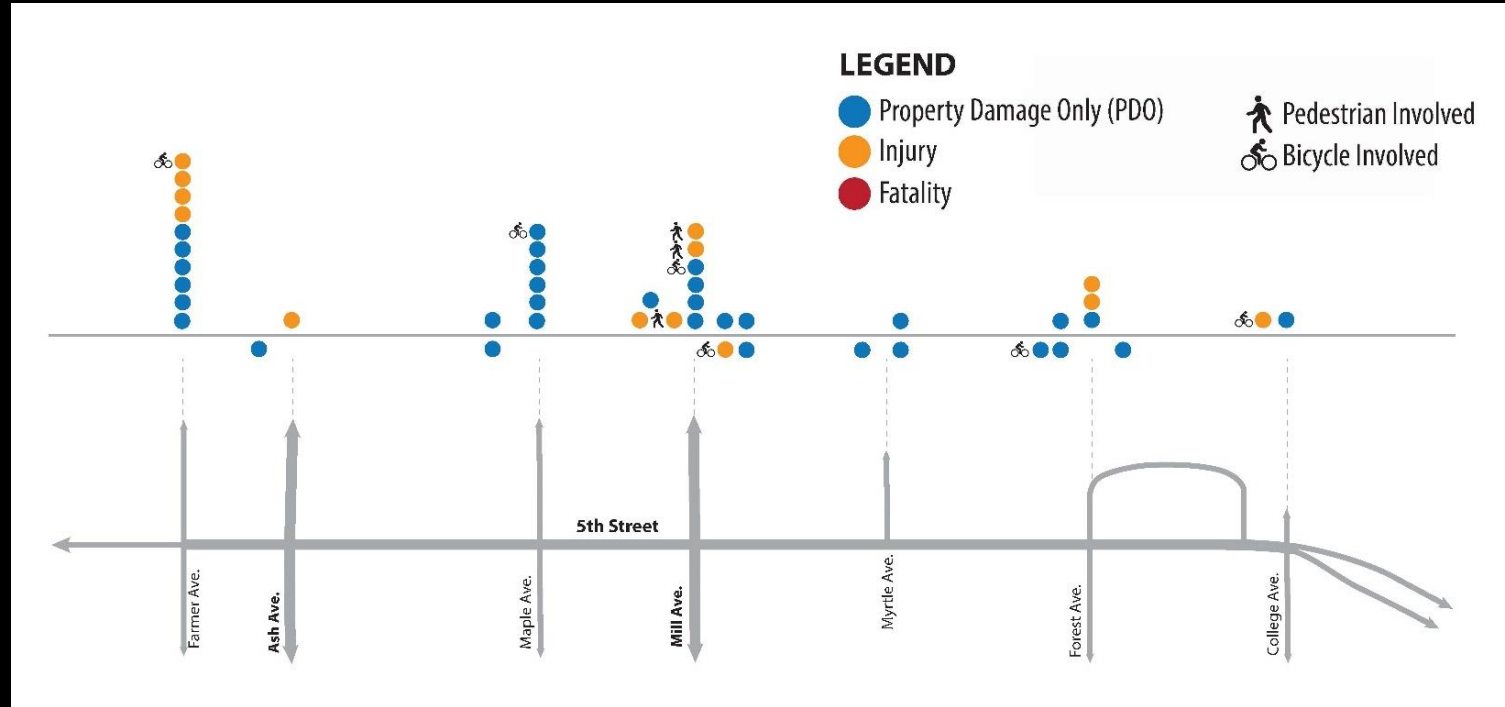
Traffic Analysis – Current Average Daily Data

- Consistent volume of traffic
- No major traffic issues
- Higher volume on east side connection to ASU
- Seven intersections
- Access to off-street parking and building entries



Accident Data – 2013-2015

- Relatively low number of accidents over 2 year period
- Mill Avenue has highest concentration
- No fatalities





Multi Modal, Smart, Green, Distinctive Street Possibilities

Street Possibilities



Parallel Parking

Street Possibilities



Angle Parking

Street Possibilities



Reverse Angle Parking

Street Possibilities



On- Street Motorcycle and Scooter Parking

Street Possibilities - Parklets



Street Parklets and Pop-up Patios

Street Possibilities - Parklets



Street Parklets

Street Possibilities



Street Tree Formations

Street Possibilities



Special Event Spaces

Street Possibilities



Intersection Bump outs and Chicanes

Street Possibilities



Raised Crossings at Intersections

Street Possibilities



Mid-Block Crossings

Street Possibilities



Bike Lanes — Adjacent to Parking

Street Possibilities



Bike Lanes – Green Lanes

Street Possibilities



Buffered Bike Lanes

Street Possibilities



Bike Lanes – Physically Protected / Cycle Tracks

Street Possibilities



Painted Transit Lanes

Street Possibilities



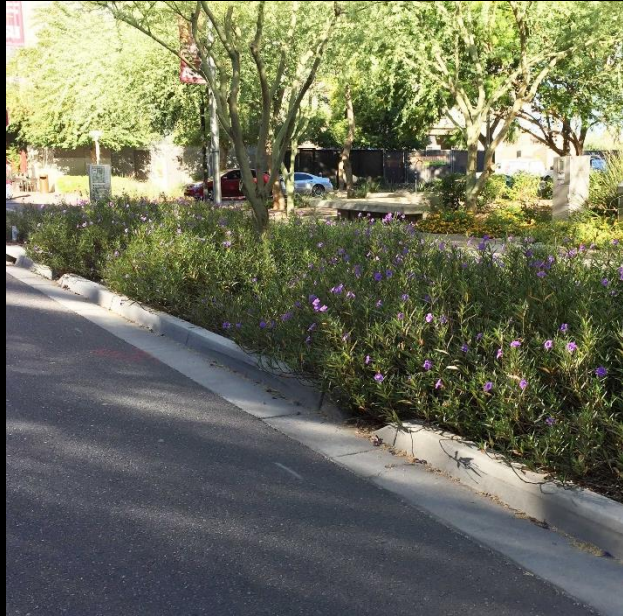
Bicycle Boxes at Intersections

Street Possibilities



Stormwater Planters / Water Harvesting

Street Possibilities



Open Tree Trenches

Street Possibilities



Bike Share Stations

Street Possibilities



Public Art

Street Possibilities



Electric Vehicle Charging Stations

Street Possibilities



Decorative Paving Treatments

Street Possibilities



Historic & Contemporary References in Paving

Street Possibilities



Street Medians

Street Possibilities



Street Medians



Timeline and Next Steps

- Fall 2016
 - Develop Concept Alternatives
- Winter / Spring 2017
 - Public Meeting #2 - Review Concept Alternatives
 - Boards & Commissions
 - City Council Direction
- Summer / Fall 2017 Prepare final Construction Documents
- Develop phases, temporary & permanent solutions

Stakeholders

- City of Tempe Leaders & Commissions
 - Mayor and Council
 - City Departments
 - Transportation Commission
 - Commission on Disability Concerns
 - Historic Preservation Commission
 - Municipal Arts Commission
 - Parks and Recreation Board
 - Sustainability Commission

- Key Stakeholders
 - Downtown Tempe Authority
 - ASU
 - Neighborhood/Homeowner Associations
 - Tempe Bicycle Action Group
 - Valley Metro
 - Residents, business and property owners adjacent to 5th Street

Public Input

Questionnaire:

www.tempe.gov/5thStreet

Project Manager:

Eric Iwersen, 480-350-8810

Eric_iwersen@tempe.gov

City of Tempe 5th Street between Farmer Avenue and College Avenue Enhancement Plan Open House Questionnaire

The 5th Street enhancement plan will develop a sensible and strategic vision for improvements to the street, intersections, bikeways, sidewalks, lighting, signage, and overall landscape. For more information, visit the project website at www.tempe.gov/5thstreet. You can also sign up for email updates.

Tell us about yourself

1. What is your connection to the 5th Street corridor?

(check all that apply)

- ☐ I live in downtown Tempe
☐ I work on/near 5th Street
☐ I commute to/from work on 5th Street
☐ I commute to/from ASU on 5th Street
☐ I experience 5th Street only during special events
(festivals, holidays, sporting events)

2. How do you typically travel on the 5th Street corridor?

(check all that apply)

- ☐ Walk
☐ Bike
☐ Bus
☐ Drive
☐ Car Service (Taxi, Uber/Lyft)
☐ Other: _____

3. Based on your typical travel, how often do you use 5th Street?

Walk:	<input type="checkbox"/> daily	<input type="checkbox"/> once a week	<input type="checkbox"/> once a month
Bike	<input type="checkbox"/> daily	<input type="checkbox"/> once a week	<input type="checkbox"/> once a month
Bus	<input type="checkbox"/> daily	<input type="checkbox"/> once a week	<input type="checkbox"/> once a month
Drive	<input type="checkbox"/> daily	<input type="checkbox"/> once a week	<input type="checkbox"/> once a month
Car Service	<input type="checkbox"/> daily	<input type="checkbox"/> once a week	<input type="checkbox"/> once a month
Other:	_____		

4. What are your favorite places to visit or activities to do on 5th Street?
